

Serial No. 10/727,957  
June 30, 2005  
Reply to the Office Action dated March 3, 2005  
Page 2 of 8

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **LISTING OF CLAIMS:**

Claim 1 (original): A noise filter comprising:

a laminate body including magnetic layers, line conductors, and ground conductors wherein one of the line conductors and the ground conductors is disposed in each of a plurality of interfaces between the magnetic layers such that one line conductor alternates with one ground conductor in lamination, with one ground conductor arranged on a top magnetic layer and another ground conductor arranged on a bottom magnetic layer, and the line conductors disposed between the magnetic layers being serially connected; wherein

the magnetic layer is made of a magnetic oxide and causes little or no attenuation of an electrical signal within a frequency range below a frequency at which a magnetic loss occurs and attenuates an electrical signal within a frequency range where the magnetic loss occurs.

Claim 2 (original): A noise filter according to claim 1, wherein the frequency at which the magnetic loss of the magnetic oxide increases to above 1 is approximately equal to or greater than about 80 MHz.

Claim 3 (original): A noise filter according to claim 1, wherein the line conductor has a meandering shape.

Claim 4 (original): A noise filter according to claim 1, wherein the line conductor has a spiral shape.

Serial No. 10/727,957

June 30, 2005

Reply to the Office Action dated March 3, 2005

Page 3 of 8

Claim 5 (original): A noise filter according to claim 1, wherein the line conductor is disposed between the laminated magnetic layers, and is coiled around a center axis aligned in the direction of lamination of the magnetic layers.

Claim 6 (withdrawn): A noise filter according to claim 1, wherein a dielectric layer is sandwiched between the magnetic layers.

Claim 7 (withdrawn): A noise filter according to claim 1, further comprising dielectric layers having the ground conductor sandwiched therebetween and magnetic layers having the line conductor sandwiched therebetween.

Claim 8 (canceled).

Claim 9 (original): A noise filter according to claim 1, wherein the magnetic oxide is a Ni-Cu-Zn ferrite.

Claims 10-23 (canceled).